

PA/SI REVIEW

EPA REGION II

DATA GAP REPORT

Site Name: Arecibo Solid Waste Disposal

Aliases: Arecibo Waste Disposal

EPA id #: PBO 980641039

Address: State Board 682, Km. 10.7, Hm. 0.6

City: Factor Ward

County: Arecibo

State: Puerto Rico

1. Provide the name of document(s) reviewed and the organization responsible for its preparation.

Site Inspection Report

Arecibo Waste Disposal

NuS Corporation, Superfund Division

Recommendation: EQB will conduct a sampling event to evaluate the site properly.

2. Is the documentation provided by the facility adequate to complete an evaluation of the site?

Yes
No X

The quantity of wastes received at the landfill was impossible to determine and/or document because the Arecibo municipality don't keep records of information. Also, since there is no record keeping of industries and/or persons that disposed wastes in the past at this landfill a complete PBP search couldn't be made.

3. If No, provide the type of data needed to complete an evaluation of the site. Utilize the following checklist to identify any data gaps, then go to Number 4.

- Containment
- Source information
- Hazardous constituents
- Waste source type(s)
- Site slope
- Permeabilities
- Release to groundwater
- Release to surface water
- Nearest well
- Rainfall data
- Topography
- Location of sensitive environments
- ③ Physical state of waste
- On site drainage patterns
- Floodplain information
- ② Fisheries
- Release to air
- Population radii
- Site geology
- Aquifer description
- Groundwater populations
- Water supply well locations
- Private well locations
- Wellhead protection areas
- Surface water intakes
- Surface water uses
- Surface water population
- On site and nearby workers
- On site and nearby residents
- On site and nearby schools/daycare
- Terrestrial sensitive environment
- ① Site sampling
- Sampling results

Note that the information aforementioned is, but should not be limited to, the type of data required to complete an evaluation of the site.

4. For each of the data gaps checked in Number 3, provide a brief description and the source (S) of information.

1. Sampling/Sampling results

a. There is no evidence in the NUS document of collection of background and soil samples.

b. Most samples were rejected due to QA/QC requirements for example exceeding holding time.

If we don't have the background samples, comparison with other environmental samples can't be made.

2. Fisheries = In Caño Tiburones, recreational fishing can be observed, but it is not a state designated fisherie

3. Arecibo Municipality don't have records of quantity of wastes deposited at the landfill and a complete list of users.

5. Were all the data gaps identified in Number 3 resolved?

Yes _____
No X

If No:

6. Indicate which data gap(s) remains unresolved.

- ① Sampling
- ② Hazardous constituents
- ③ physical state of waste
- ④ Quantity of waste deposited at the site and into

7. If additional sampling is required, provide a brief summary of sampling needs.

A. A complete sampling of the site will be necessary, since no backgrounds were collected, and soil samples needed for attribution were not collected either. Background samples for the groundwater pathway could be collected at Santara 3 or Ganochalis 3; groundwater samples at private wells located adjacent to the site.

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